

Applicants: Russell A. Houser et al.
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Amendments to the Claims:

Claims 1-12 (cancelled)

Claim 13 (currently amended) A ski or snowboard comprising a ~~ski or snowboard~~ housing and a superelastic component configured and positioned with respect to the ~~ski or snowboard~~ housing to provide an elastic response of the ski or snowboard to a deflection, the superelastic component comprising at least one outwardly extending flexible outside edge that extends outwardly beyond the housing and is positioned at either or both of the front of the housing and the rear of the housing in a functionally noncontinuous manner between the front of the housing and the rear of the housing.

Claim 14 (cancelled)

Claim 15 (currently amended) The ski or snowboard of claim 13 wherein the superelastic component is positioned as at a bottom surface of the ski or snowboard, wherein the bottom surface of the ski or snowboard is configured to be in contact with a ski surface.

Claim 16 (previously amended) The ski or snowboard of claim 15 wherein the superelastic component has a curvature between opposite outside edges.

Claim 17 (previously amended) The ski or snowboard of claim 15 wherein the superelastic component has a flat surface between opposite outside edges.

Claim 18 (previously amended) The ski or snowboard of claim 15 wherein the superelastic component is removably mounted to the ski or snowboard.

Claim 19 (previously amended) The ski or snowboard of claim 13 wherein the superelastic component is positioned at least partially within the ski or snowboard.

Claim 20 (currently amended) The ski or snowboard of claim 19 wherein the superelastic component comprises at least two parallel ~~members~~ outwardly extending flexible outside edges.

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Claim 21 (previously amended) The ski or snowboard of claim 19 wherein the superelastic component comprises multiple members that extend collinearly along at least a portion of the length of the ski or snowboard.

Claims 22-24 (cancelled)

Claim 25 (currently amended) The ski or snowboard of claim 16 wherein the superelastic component is attached to a bottom surface of the ski housing at a position between the opposite outside edges of the housing.

Claim 26 (withdrawn) The ski or snowboard of claim 20 wherein the at least two parallel members extend outwardly from edge surfaces that are generally perpendicular to a bottom surface of the ski or snowboard.

Claim 27 (withdrawn) The ski or snowboard of claim 26 wherein the at least two parallel members extend outwardly and at an angle to the edge surfaces.

Claim 28 (withdrawn) The ski or snowboard of claim 20 further comprising two additional parallel members.

Claim 29 (withdrawn) The ski or snowboard of claim 28 wherein the two of the parallel members are positioned at a front region of the ski and two of the parallel members are positioned at a rear region of the ski.

Claim 30 (previously presented) The ski or snowboard of claim 13, wherein the superelastic component comprises nitinol.

Claim 31 (withdrawn) A method of controlling the operation of a ski or snowboard comprising a ski or snowboard housing and at least one superelastic component extending from the housing, the method comprising:

operating the ski or snowboard on a ski surface such that the at least one superelastic component of the ski or snowboard is flexed, wherein the at least one superelastic component is

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configured and positioned with respect to a ski or snowboard housing to provide an elastic response of the ski or snowboard to a deflection.

Claim 32 (withdrawn) The method of controlling the operation of a ski or snowboard of claim 31 wherein the superelastic components extend from an edge of the ski or snowboard and are configured to be deflected upon placement of more weight on a first side of the ski or snowboard relative to a second, opposite side of the ski or snowboard.

Claim 33 (withdrawn) The method of controlling the operation of a ski or snowboard of claim 31 wherein the superelastic component comprises nitinol.

Claim 34 (withdrawn) The method of controlling the operation of a ski or snowboard of claim 31 wherein the superelastic components include a first curved region, a second curved region, and a mounting region positioned between the first curved region and the second curved region, whereby the curved regions are configured to deflect upon application of a force to the curved regions.

Claim 35 (currently amended) A controllable ski or snow board comprising:
a housing; and
one or more superelastic components extending outwardly and downwardly from the housing, being positioned on opposite edges of the ski or snowboard, and extending outwardly beyond the housing, wherein the superelastic components deflect in response to an application of a force to one or more of the superelastic components, the one or more superelastic components being positioned at either or both of the front of the housing and the rear of the housing in a functionally noncontinuous manner between the front of the housing and the rear of the housing.

Claim 36 (currently amended) The controllable ski or snow board of claim 35 wherein the one or more superelastic components comprises comprise nitinol.